

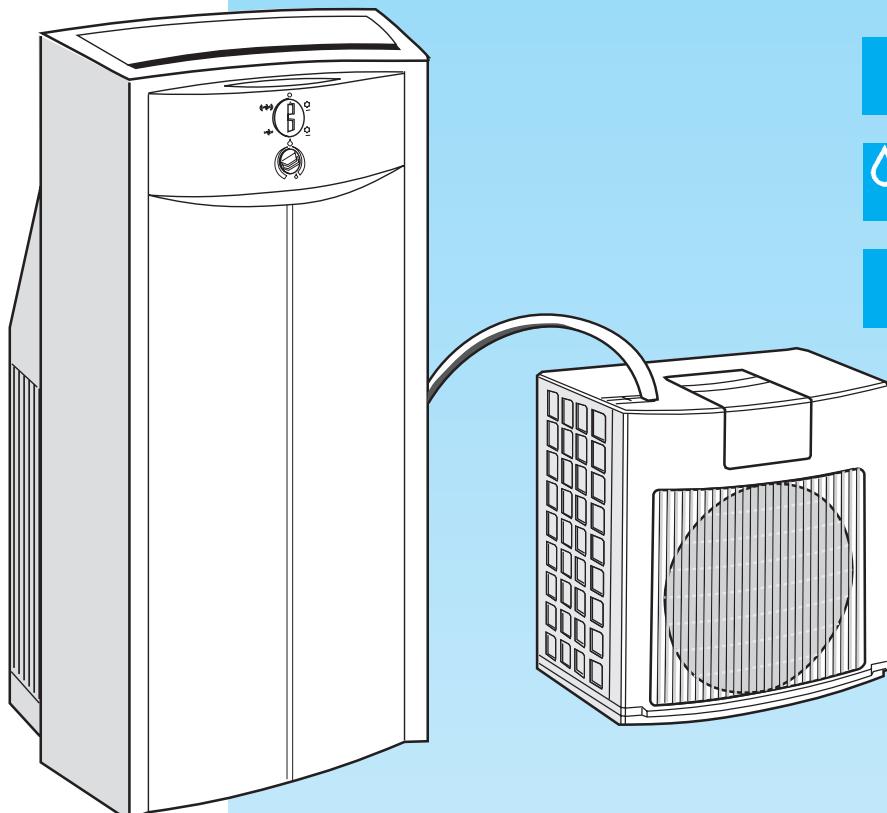
Carrier

51AKB / 51 AKC

Holiday



CE
IMQ
Q



OWNER'S MANUAL

This manual applies to the following models

51AKB 009

51AKB 012

51AKC 009

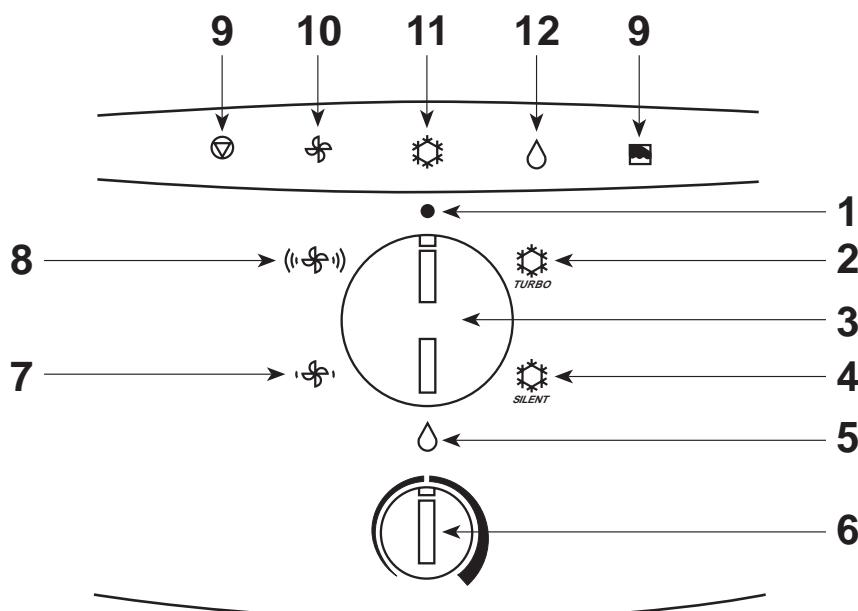
51AKC 012

Read this instruction manual thoroughly before using the air conditioner.

Contents

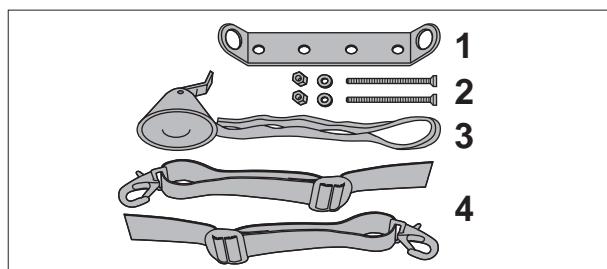
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Control panel



1. OFF position	7. Low fan speed
2. TURBO cooling	8. High fan speed
3. Mode selector	9. Alarm indicator light
4. SILENT cooling	10. Fan speed indicator lights
5. Dehumidification	11. Cooling indicator light
6. Thermostat	12. Dehumidification indicator light

Accessories supplied



1. Mounting brackets for the outdoor unit
2. Screws, nuts and washers for fixing the mounting brackets
3. Fastening strap with suction cup
4. Strap with spring-clips

General information

- Check that the power supply at the installation site is 230 V (min. 198 V - max. 264 V).
- The unit installation must comply with all applicable local and national regulations.
- It is recommended to install a circuit breaker or a 16 A safety fuse upstream of the supply switch.
- The appliance must always be earthed.**
- If an extension lead is needed (up to 25 m) make sure that the wire section is not less than 1.5 mm².
- Do not locate the air conditioner in laundry under dripping water (e.g.: clothes hung up to dry).
- IMPORTANT:** Non-compliance with these safety standards constitutes a fire hazard in the event of a short-circuit.
- The manufacturer does not accept any liability if the safety standards are not observed.
- This unit complies with low-voltage (EEC/73/23) and electro-magnetic compatibility (EEC/89/336) directives.
- Performances referred to ISO 5151.2/T1: indoor temperature: 27°C d.b. - 19°C w.b. outdoor temperature: 35°C d.b. - 24°C w.b.
- The unit is designed to operate within the following temperature limits:

cooling with dehumidification:

indoor temp.: min. 21°C d.b. - 15°C w.b.

max. 32°C d.b. - 23°C w.b.

outdoor temp.: min. 21°C - max. 46°C.

dehumidification: min. 18°C d.b. - 14°C w.b.

max. 27°C d.b. - 21°C w.b.

- Inspect equipment for damage due to improper transportation or handling: In case of damage file an immediate claim with the shipping company.
- Do not use damaged equipment. In case of a malfunction turn the unit off, disconnect the plug from the power socket and contact a qualified service engineer.
- Use the unit only for factory approved applications.

This equipment contains coolant. Maintenance of the refrigerant circuit must only be carried out by qualified personnel.

All of the manufacturing and packaging materials used for your new appliance are compatible with the environment and can be recycled.

Dispose of the packaging material in accordance with local requirements.

This equipment contains coolant that must be disposed of in a proper manner. When disposing of the unit after its operational life,

remove it carefully. The unit must then be delivered to an appropriate disposal center or to the original equipment dealer, for proper environmentally friendly disposal.

IMPORTANT: for UK only

The wires in this mains lead are coloured in accordance with the following code:

Green-and-Yellow : Earth

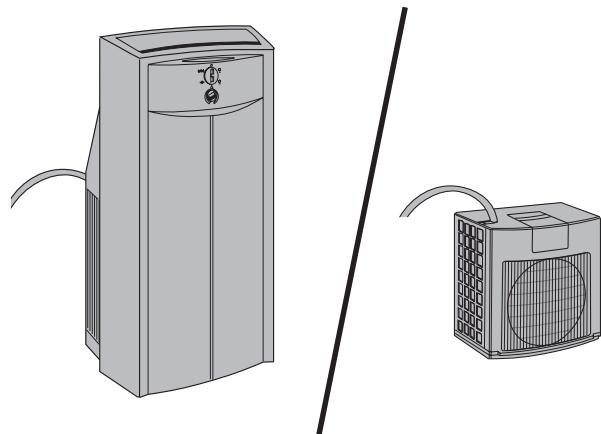
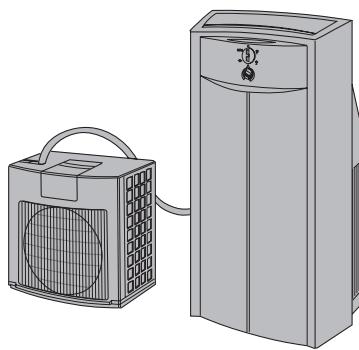
Blue : Neutral

Brown : Live

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

- The wire which is coloured **green-and-yellow** must be connected to the terminal in the plug which is marked with the letter **E** or by the earth symbol or coloured green or green-and-yellow.
- The wire which is coloured **blue** must be connected to the terminal which is marked with the letter **N** or coloured black.
- The wire which is coloured **brown** must be connected to the terminal which is marked with the letter **L** or coloured red.

Correct use

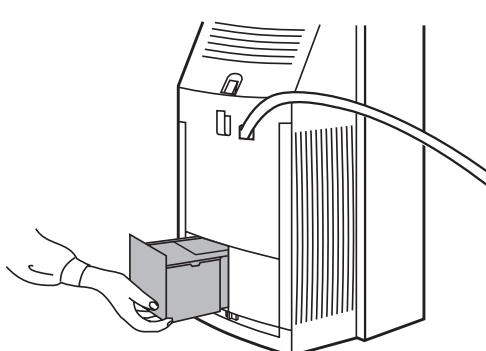


The air conditioner models 51AKB009 and 51AKB012 consist of two units connected by a flexible tube of 1.8 metre length. Models 51AKC009 and 51AKC012 are provided with a flexible tube of 3.6 metre length and quick coupling connections that allow the units to be disconnected up to a maximum of six times without impairing air conditioning performance.

This operation must always be carried out by qualified and authorized personnel.

The elegant portable **indoor unit** may be positioned conveniently in the room to be air conditioned.

The compact, light weight **outdoor unit** is placed outdoors.

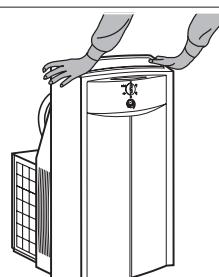


IMPORTANT

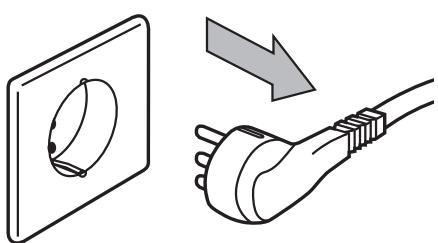
At first start-up of the unit proceed as follows:

- take out the water tank at the rear of the air conditioner
- remove the adhesive tape strip
- replace the tank correctly in its position

If the above procedure is not followed, the unit will not operate and indicate a fault.



The outdoor unit may be hung on the back of the indoor unit with the flexible tube neatly coiled, but never kinked, to allow air conditioner to be moved from room to room. It is recommended to move the unit holding the front panel as illustrated.

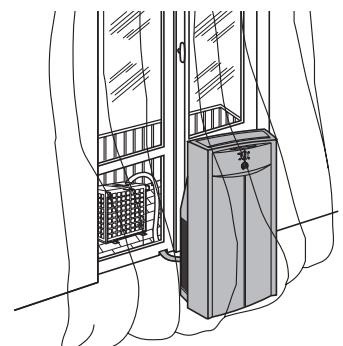


Always disconnect the cable from the power socket before moving or cleaning the unit.

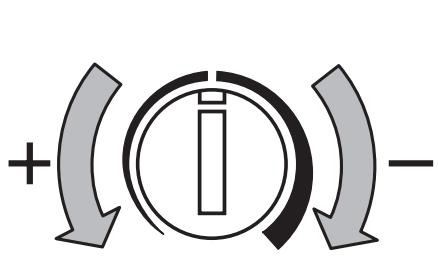
Never use the plug to switch the unit on or off.



When switching off or moving the unit to another place wait at least 5 minutes before restarting the air conditioner.

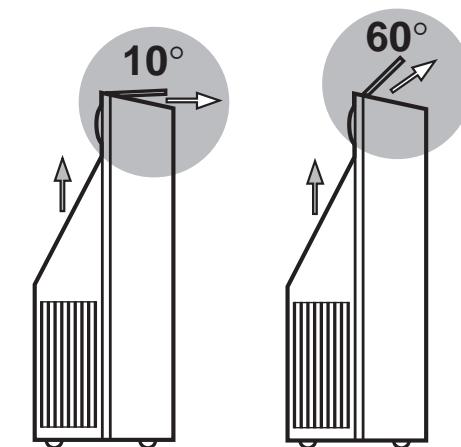


Do not obstruct the sides, front and rear grille with curtains or other objects. Do not put objects on the unit.



To change the room temperature turn:

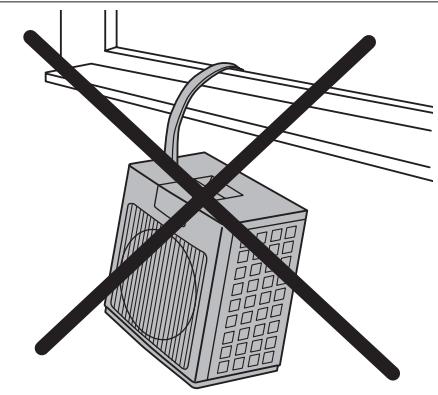
the thermostat knob clockwise to lower the temperature and counterclockwise to raise it.



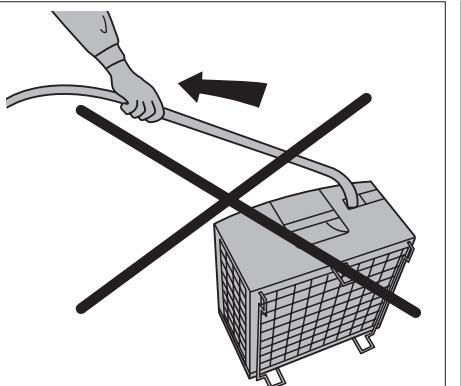
Adjusting the air flow direction

The air conditioner has a guide vane at the top that can be adjusted to any angle between 10° (partially closed) and 60° (fully open). Depending on the angle, the air flow direction changes as shown.

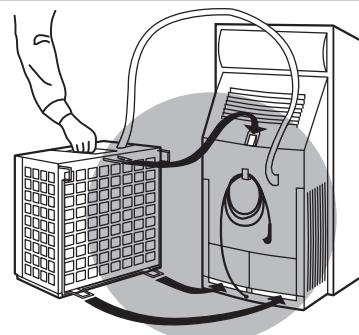
Never use the air conditioner with the guide vane closed.



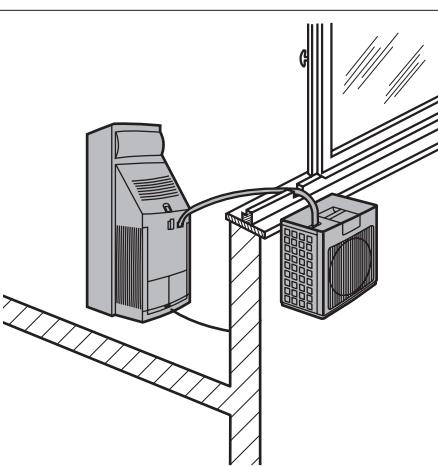
Never let the outdoor unit hang on the flexible tube.



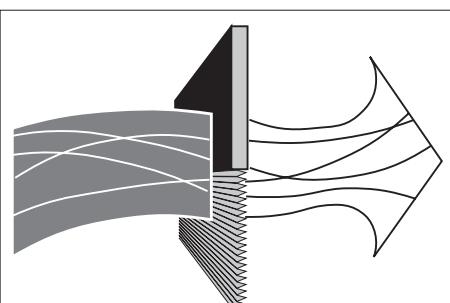
Never move either unit by pulling on the flexible tube.



When the unit is not in use, coil the power cord, hang it on the hook supplied and hang the outdoor unit on the back of the indoor unit.



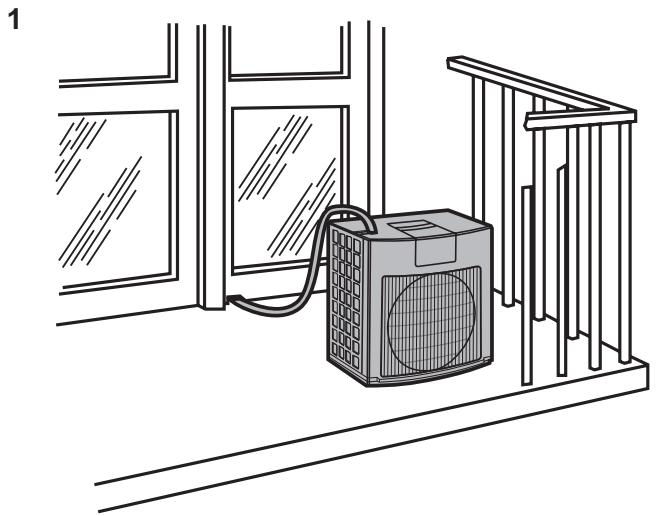
If required, the air conditioner can be installed with the outdoor unit hanging from a window sill, using the supplied accessories.



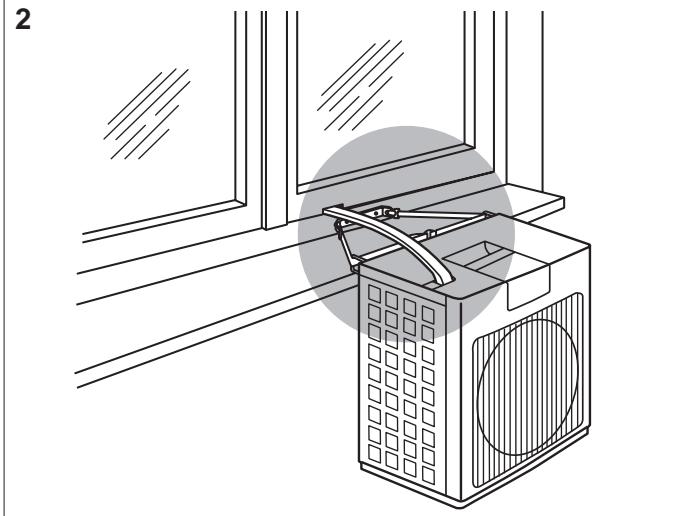
Air Quality Filter (if included)

The Air Quality Filter permits to obtain cleaner air, purified from pollen, bacteria, tobacco smoke etc.

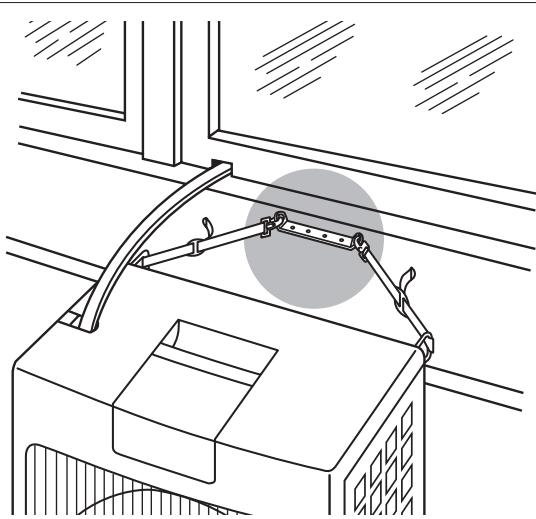
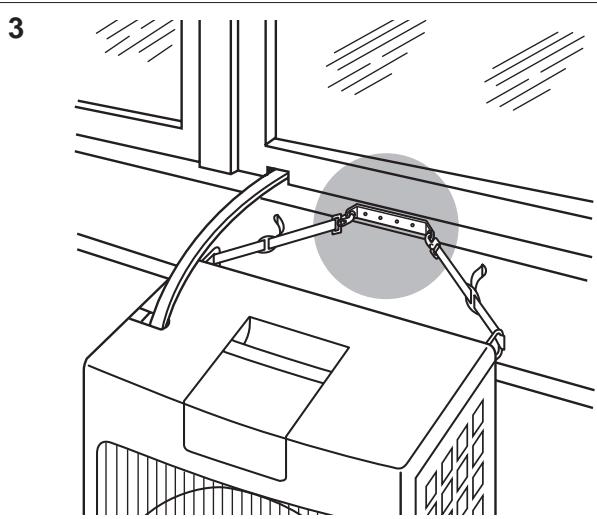
Preparing to use



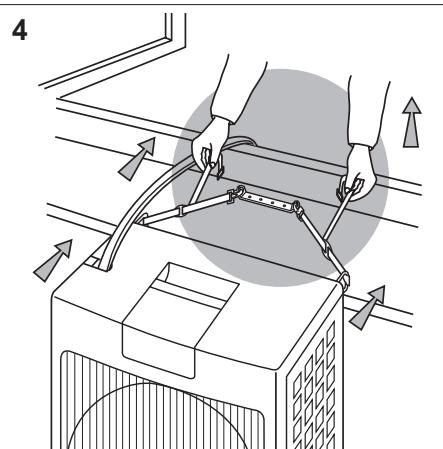
Place the outdoor unit outside, ensuring that air can circulate freely around and through the unit.



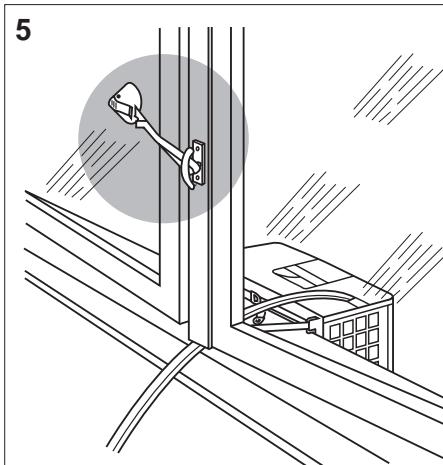
Outdoor section may be placed on the ground or a balcony or hung from a window sill using the straps and bracket provided.



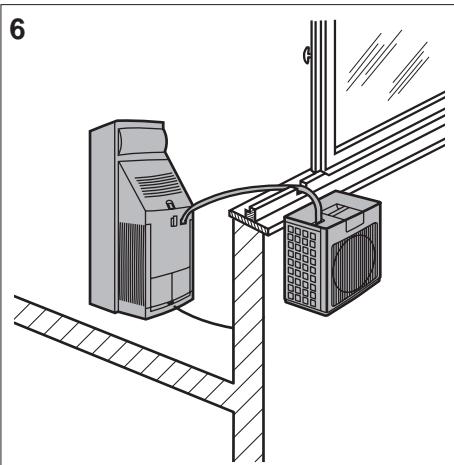
For window sill installation use the supplied bracket and screws.
Fix the bracket to the window sill as shown.



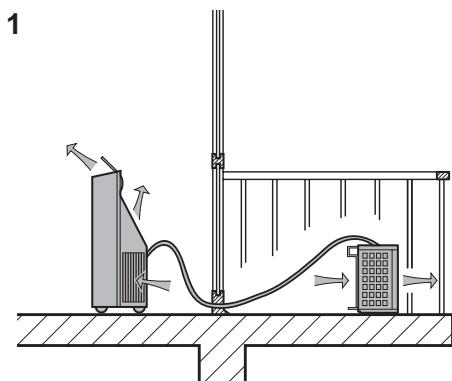
Secure the casing to the bracket with the spring-clips at the end of the straps.
Adjust the length of the straps so that the casing is level. This will help with the discharge of the condensate water.



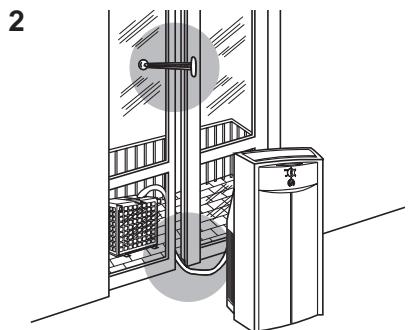
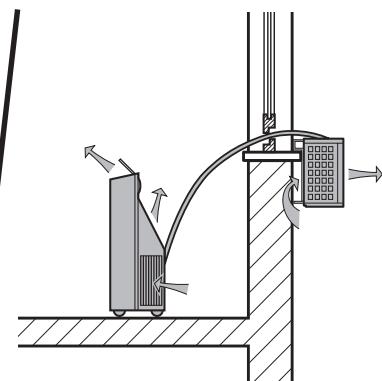
The flexible tube can be trapped between two shutters set ajar.
For this solution, use the window suction cup supplied, as shown.



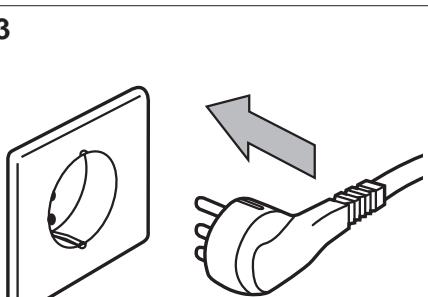
Making a cut-out of 35 x 18 mm in the lower window or door frame to accommodate the flexible tube allows the unit to be used with the window or door closed.



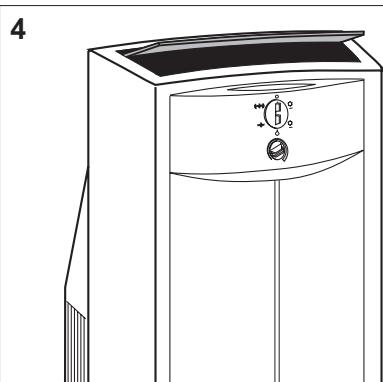
Place the outdoor unit outside, ensuring that air can circulate freely around and through the unit.



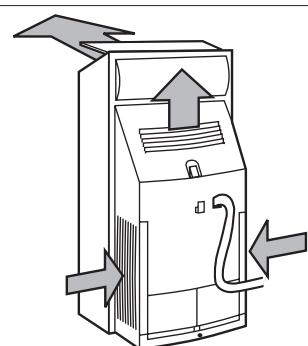
Place the flexible tube between two shutters set ajar.
Hold the hose end in position with the fastening strap and suction cup.



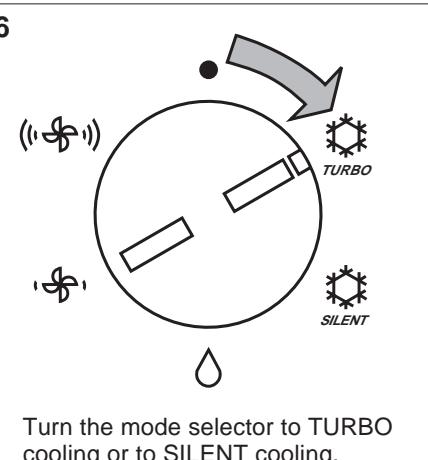
Plug the unit in.



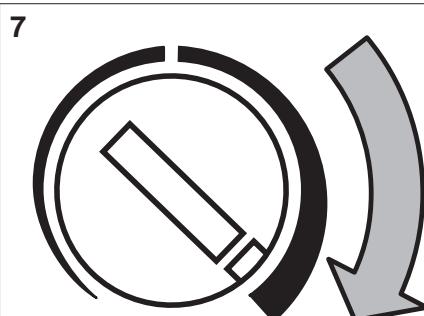
Open the air flow direction guide vane.



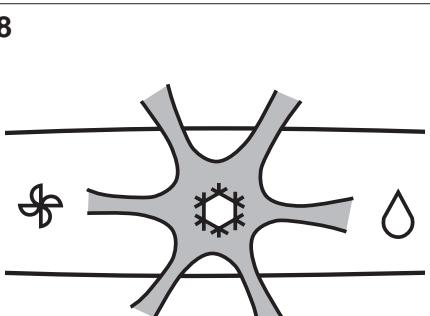
The appliance is now ready for cooling.
The unit has two fresh air outlets, so that the desired room temperature is reached quickly.



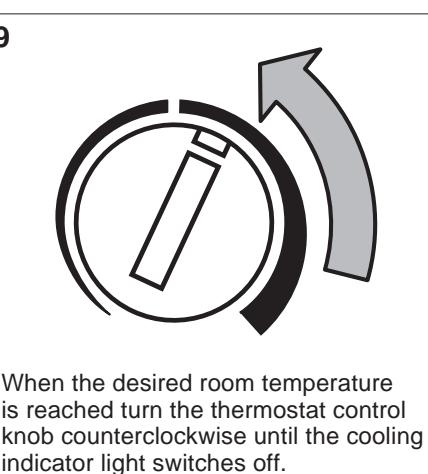
Turn the mode selector to TURBO cooling or to SILENT cooling.



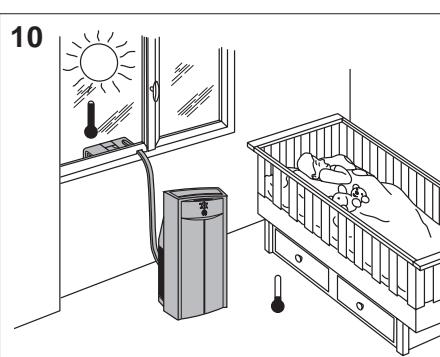
Set the thermostat to maximum cooling by turning the control knob clockwise.



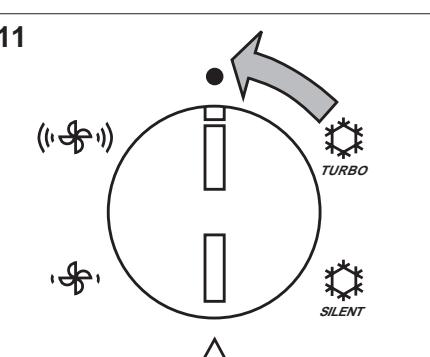
The cooling mode indicator light on the control panel is illuminated.



When the desired room temperature is reached turn the thermostat control knob counterclockwise until the cooling indicator light switches off.

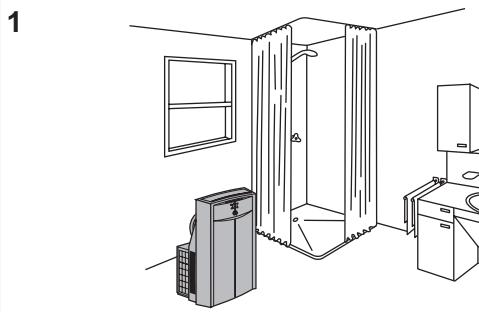


In this way the desired room temperature is automatically maintained.



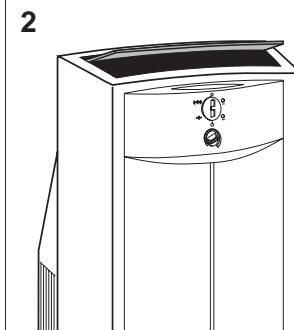
To switch the unit off, turn the mode selector counterclockwise to the symbol ●.

Dehumidification



The dehumidification only function should be used if you want to remove moisture from the room air without lowering the temperature.

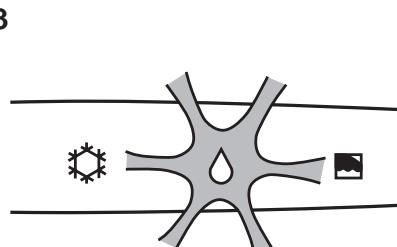
Place the unit in the space to be dehumidified (room, garage, cellar or storeroom).



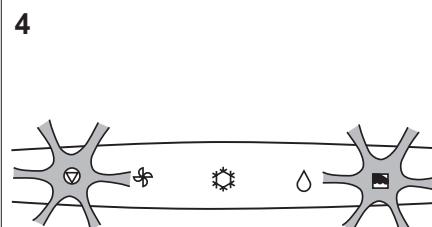
Plug the unit in.

Open the air flow direction guide vane.

Turn the mode selector to the dehumidification symbol.

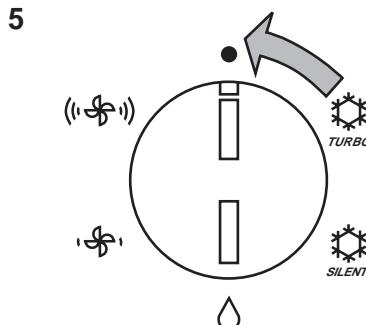


The dehumidification indicator light on the control panel is illuminated. The air conditioner removes moisture from the air without lowering the temperature.

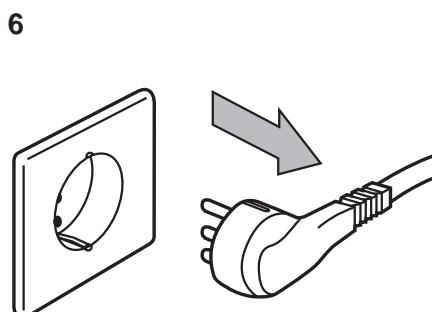


If the two red indicator lights on the control panel light up, this shows that the condensate water collection tank is full.

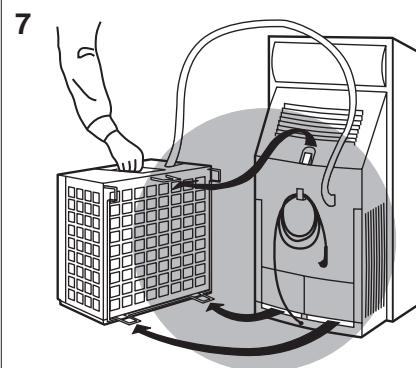
If this is the case the unit automatically switches off.



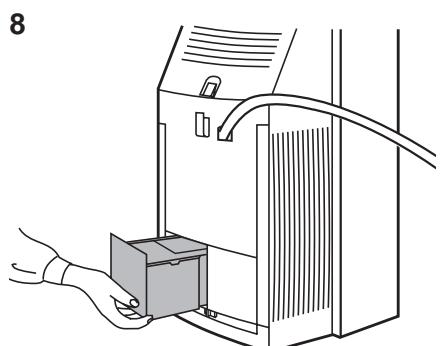
To empty the tank, **switch the unit off by** turning the mode selector to the ● symbol.



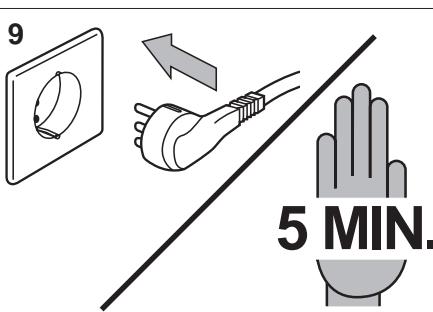
Remove the plug from the power supply socket.



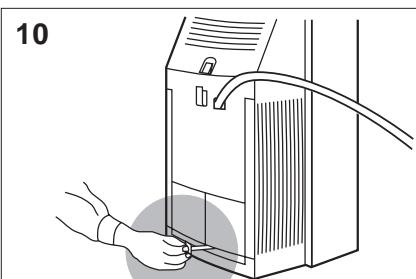
Remove the outdoor unit if it is attached to the indoor unit.



Take out the full water tank on the rear side of the air conditioner and empty it. Then replace it correctly in its position.

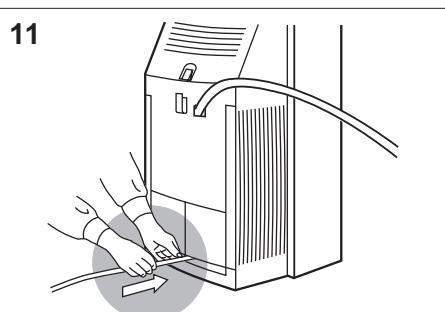


If the dehumidification mode is again required, plug in the unit and wait 5 minutes before again turning the mode selector to the dehumidification symbol.



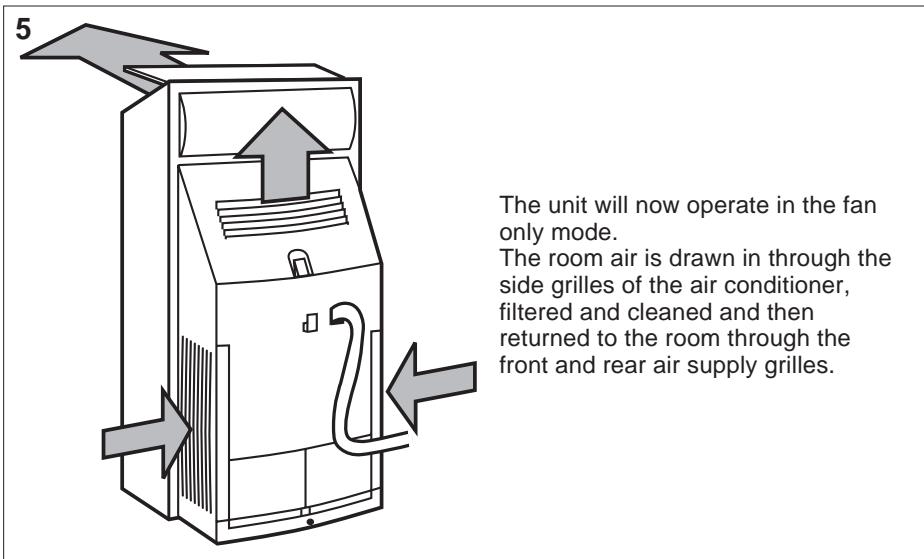
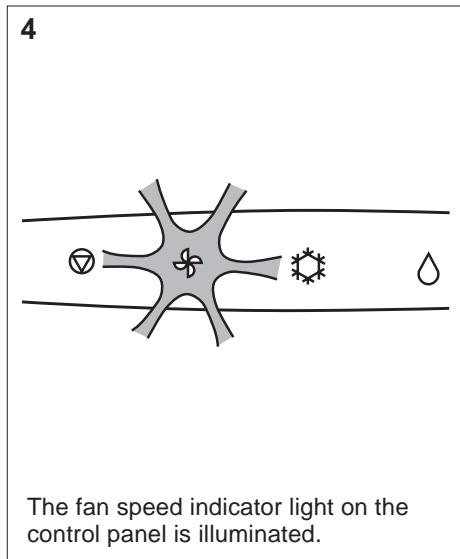
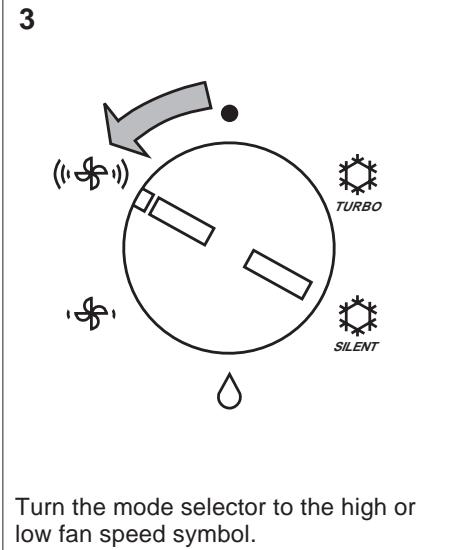
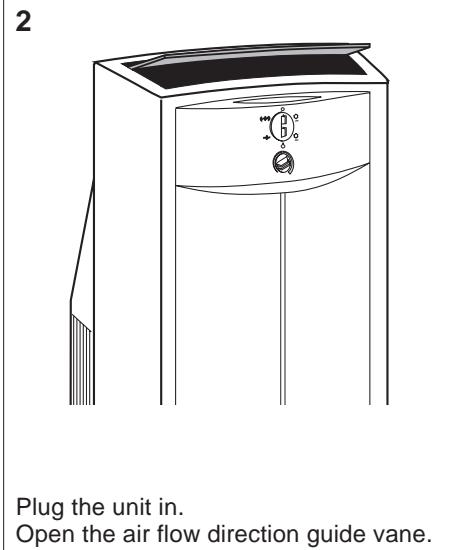
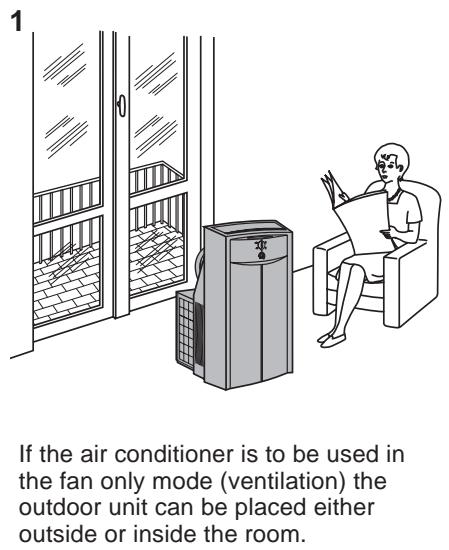
In certain applications a floor drain may be provided and it may be easier to use the drain tube to remove the condensate water directly. Proceed as follows:

- pull out the 60 mm long condensate drain tube and remove the plug.

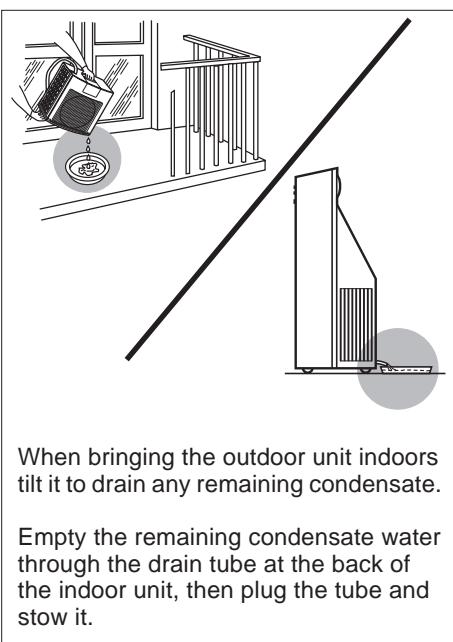
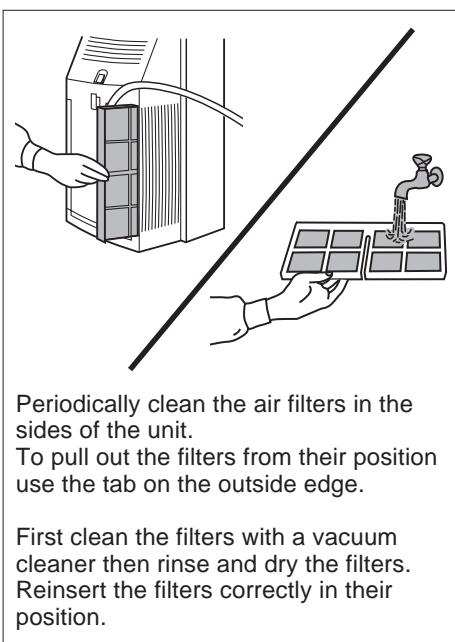
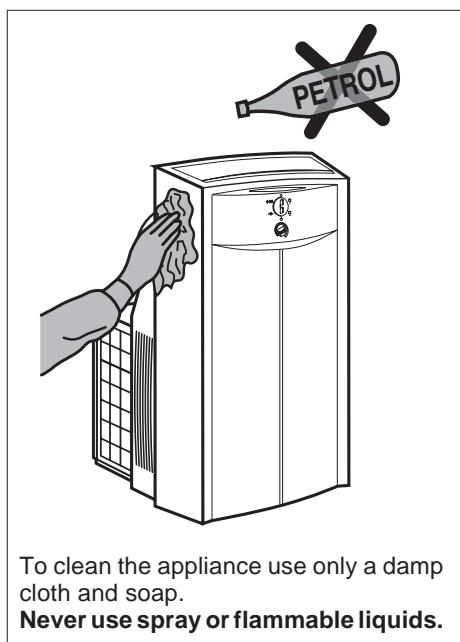


- Connect the drain tube to the floor drain using a rubber tube.

After use remember to put the plug into the drain tube and to replace the tube in its position.



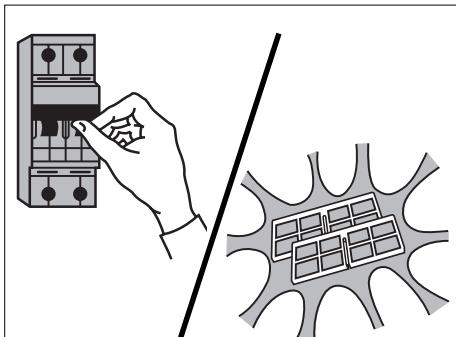
Cleaning



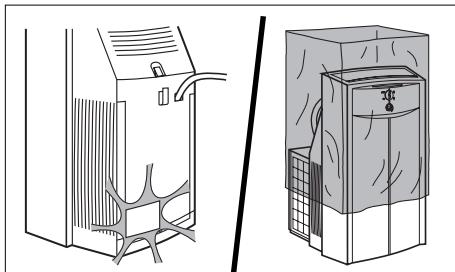
In case of...



If the unit appears not to be operating correctly, before calling a service technician please check that...
... the operating instructions in the literature have been followed.



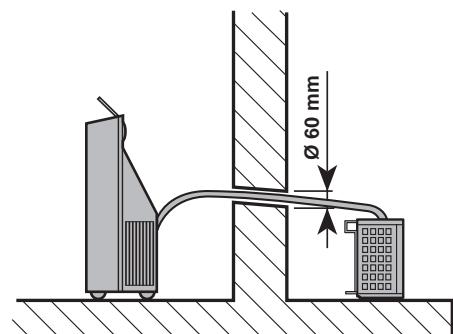
... the main switch is switched on, that the power supply is not interrupted and that the unit is correctly plugged in.
... the filters are not dirty.



... the water collection tank is correctly inserted in its position.

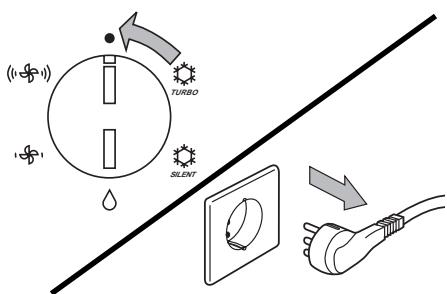
If the unit is not used for extended periods:

- Empty the remaining condensate water through the drain tube at the back of the unit.
- Clean the filters.
- Hang the outdoor unit on the back of the indoor unit.
- Cover the air conditioner

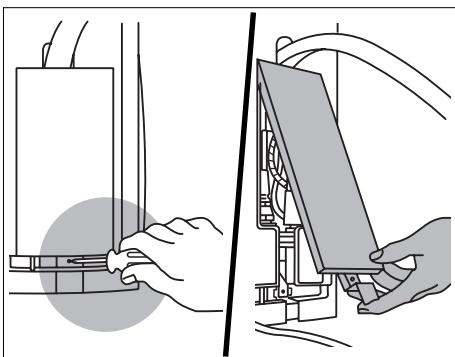


...use of quick-connect couplings for fixed installation.

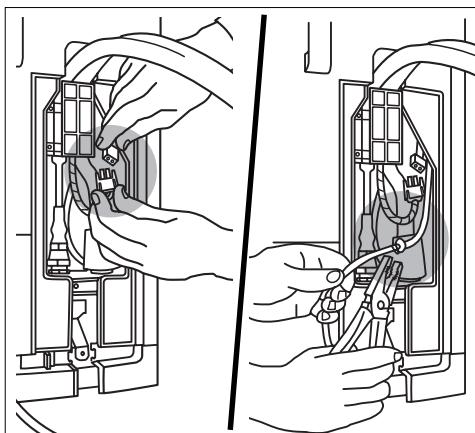
Models 51AKC009 and 51AKC012 are provided with quick coupling connections that allow the units to be disconnected up to a maximum of six times without impairing the performance of the air conditioner. **This operation must always be carried out by qualified and authorized personnel.** To disconnect proceed as follows:



Switch the unit off, turning the mode selector counterclockwise to symbol ● and **remove the plug from the power supply socket.**

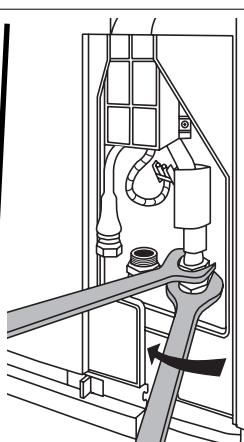
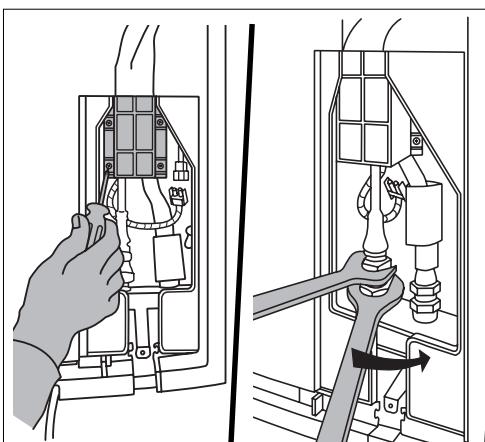


Using the special tool, unscrew the fixing screw and remove the closing cover.



Disconnect the electrical connector.

Loosen the fixing clamp of the small tube that takes condensing water to the outdoor unit, taking care to discharge the remaining condensate water into a pan or the indoor unit collection tank.



With a screwdriver, unscrew partially the 4 screws of the fixing bracket flexible pipe. Using two fixed wrenches (24 mm on turning nut and 19 or 21 mm on fixed parts) operate on the turning nut, unscrew and remove the quick coupling connections. Remove the 4 screws of the fixing bracket flexible pipe. Protect the connection end parts with caps. Position the outdoor unit outside in the desired position passing the flexible pipe through the hole (\varnothing 60 mm) in the wall. The two parts of the air conditioner should remain split for the shortest possible time. For unit re-assembling repeat the previous operations in reverse order. For re-connection of the quick coupling, apply a tightening torque of 23 to 27 Nm.

L010121H12 - 0398



Via R. Sanzio, 9 - 20058 Villasanta (MI) Italy - Tel. 039/3636.1

The manufacturer reserves the right to change any product specifications without notice.